

Abstract

A system and user interface integrates and processes event associated messages affecting healthcare delivered to a patient and supports creation, initiation and modification of currently operating workflow processes involving processing of event messages. A method for processing an event representing a change in circumstances potentially affecting healthcare delivered to a patient involves receiving a message identifying an event potentially affecting healthcare delivered to a patient. Predetermined rules are applied to interpret the identified event to determine particular tasks to be performed in response to occurrence of the identified event. The particular tasks are scheduled to be performed by at least one individual in response to the occurrence of the identified event. In addition a database containing records indicating active process instances is searched to identify active process instances of a target process to be replaced by a process comprising the particular tasks. Also a parameter associated with an event is stored at a location available for access by multiple different process task sequences.

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